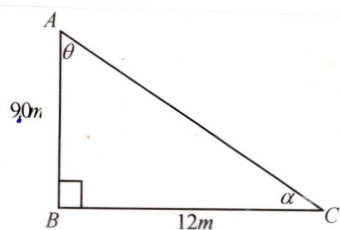
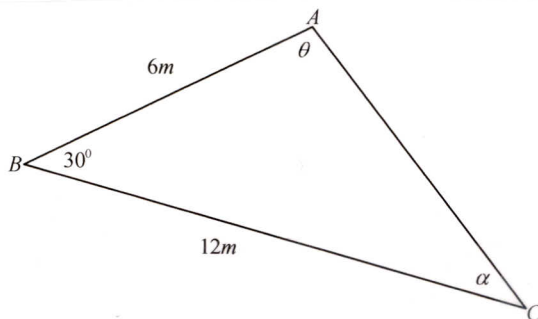


PRACTISING TRIGONOMETRIC FUNCTIONS

- Find the two unknown angles and the length of the unknown side using trigonometric ratios only.

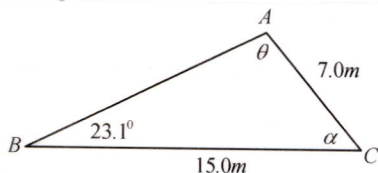


- Find the unknown side for the following triangle using trigonometry.

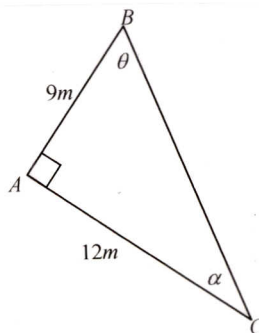


- Find all the unknown quantities in each of the triangles shown below.

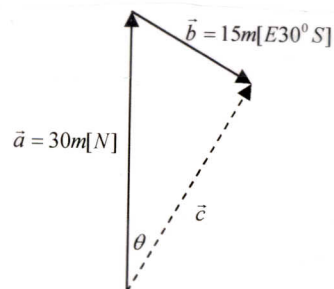
(A)



(B)



(C)



1. ~~90.8~~ ¹⁵ m, $\theta = 7.6^\circ$ ^{53°}, $\alpha = 82.4^\circ$ ^{37°}

2. 7.44 m

3. (A) 17.6 m, $\theta = 57.2^\circ$, $\alpha = 99.7^\circ$

(B) 15 m, $\theta = 53.1^\circ$, $\alpha = 36.9^\circ$

(C) 26.0 m, $\theta = 30^\circ$